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BT—09—2016

FACULTY OF COMPUTER STUDIES

M.Sc. (S.E.) (Second Year) (Third Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

(Revised Course)

SOFTWARE ENGINEERING

(Oracle DBA)

(Friday, 18-11-2016)

Time : 2.00 p.m. to 5.00 p.m.

Time—Three Hours

Maximum Marks—100

N.B. :— (i) All questions are compulsory.

(ii) Figures to the right indicate full marks.

(iii) Assume suitable data if necessary.

1. (a) Explain P file and SP file in detail. 10

(b) Explain standalone host with disk arrays. 10

Or

(c) Explain sources of I/O bottleneck database files. 10

(d) Explain shrinking tables and indexes. 10

2. (a) Explain connect descriptors. 10

(b) Explain action audits. 10

Or

(c) Explain using password file for authentication. 10

(d) Explain RAC in detail. 10

3. (a) Explain user profiles. 10

(b) Explain application design tuning. 10

Or

(c) Explain internal database structure. 10

(d) Explain locally managed tablespaces. 10

P.T.O.

4. (a) Explain OMF in detail. 10
- (b) Explain database file layouts. 10
- Or*
- (c) Explain internal memory structure. 10
- (d) Explain RMAN architecture. 10
5. Write short notes on (any *four*) : 20
- (i) 2 phase commit
- (ii) Temporary segment
- (iii) Tablespace status
- (iv) Block space utilization
- (v) Networks of databases
- (vi) Oracle Net.